

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-8. (Canceled)

9. (Currently amended) A 2D/3D switching type liquid crystal display panel, comprising:
display image generating means, capable of carrying out 2D display and 3D display, for
generating a display image according to input image data;

parallax barrier means for giving a specific viewing angle to the display image in
carrying out 3D display, so as to obtain a 3D effect; and

switching means for activating and inactivating the effect of the parallax barrier means,
so as to switch 2D display and 3D display,

said display image generating means being a transfective liquid crystal display panel
including:

a reflective region for performing reflective display; and

a transmissive region for performing transmissive display,

the reflective region and the transmissive region being provided for each pixel, and

a diffuser processed layer provided only in a portion corresponding to the reflective
region, and wherein the diffuser processed layer comprises a plurality of light scattering particles
in a resin, the particles and the resin having different indices of refraction.

10. (Currently amended) A 2D/3D switching type liquid crystal display, comprising a
2D/3D switching type liquid crystal display panel including:

display image generating means, capable of carrying out 2D display and 3D display, for generating a display image according to input image data;

parallax barrier means for giving a specific viewing angle to the display image in carrying out 3D display, so as to obtain a 3D effect; and

switching means for activating and inactivating the effect of the parallax barrier means, so as to switch 2D

display and 3D display,

said display image generating means being a transfective liquid crystal display panel including:

a reflective region for performing reflective display; and

a transmissive region for performing transmissive display,

the reflective region and the transmissive region being provided for each pixel, and

a diffuser processed layer provided substantially only in a portion corresponding to the reflective region, wherein the diffuser processed layer is located on an opposite side of the liquid crystal layer than a reflective electrode of the reflective region.

11. (Currently amended) A liquid crystal display panel, comprising:

display image generating means for generating two display images according to input image data;

parallax barrier means for separating the two display images into different viewing angles; and

switching means for activating and inactivating the effect of the parallax barrier means,

said display image generating means being a transfective liquid crystal display panel including:

a reflective region for performing reflective display; and
a transmissive region for performing transmissive display,
the reflective region and the transmissive region being provided for each pixel, and
a diffuser processed layer provided substantially only in a portion corresponding to the reflective region, and wherein the diffuser processed layer comprises a plurality of light scattering particles in a resin, the particles and the resin having different indices of refraction.

12. (Currently amended) A liquid crystal display, comprising a liquid crystal display panel including:

display image generating means for generating two display images according to input image data;

parallax barrier means for separating the two display images into different viewing angles; and

switching means for activating and inactivating the effect of the parallax barrier means,
said display image generating means being a transfective liquid crystal display panel including:

a reflective region for performing reflective display; and
a transmissive region for performing transmissive display,
the reflective region and the transmissive region being provided for each pixel, and

a diffuser processed layer provided substantially only in a portion corresponding to the reflective region, wherein the diffuser processed layer is located on an opposite side of the liquid crystal layer than a reflective electrode of the reflective region.

13. (Currently amended) The panel of claim 9, wherein the diffuser processed layer is subjected to a diffuser process which makes resin light scattering by inclusion of the particles in ~~[[a]] the resin of the diffuser processed layer, the particles having a different refractive index from a refractive index of the resin.~~

14. (Previously presented) The panel of claim 10, wherein the diffuser processed layer is subjected to a diffuser process which makes resin light scattering by inclusion of particles in a resin of the diffuser processed layer, the particles having a different refractive index from a refractive index of the resin.

15. (Currently amended) The panel of claim 11, wherein the diffuser processed layer is subjected to a diffuser process which makes resin light scattering by inclusion of the particles in ~~[[a]] resin of the diffuser processed layer, the particles having a different refractive index from a refractive index of the resin.~~

16. (Previously presented) The panel of claim 12, wherein the diffuser processed layer is subjected to a diffuser process which makes resin light scattering by inclusion of particles in a resin of the diffuser processed layer, the particles having a different refractive index from a refractive index of the resin.

17. (Previously presented) The panel of claim 9, wherein a transparent layer, disposed opposite a reflective electrode with a liquid crystal layer in between, is subjected to a diffuser process so as to form the diffuser processed layer.

18. (Currently amended) The panel of claim 10, wherein a transparent layer, disposed opposite [[a]] the reflective electrode with a liquid crystal layer in between, is subjected to a diffuser process so as to form the diffuser processed layer.

19. (Previously presented) The panel of claim 11, wherein a transparent layer, disposed opposite a reflective electrode with a liquid crystal layer in between, is subjected to a diffuser process so as to form the diffuser processed layer.

20. (Currently amended) The panel of claim 12, wherein a transparent layer, disposed opposite [[a]] the reflective electrode with a liquid crystal layer in between, is subjected to a diffuser process so as to form the diffuser processed layer.